

JONSSON
Appl. No. 10/563,059
October 14, 2008

AMENDMENTS TO THE DRAWINGS

The attached sheet of drawings replace the original drawing sheets.

REMARKS

Reconsideration and allowance of the subject application are respectfully requested.

Replacement sheets of drawings to correct typographical errors in Figures 5 and 7 are submitted. Approval is requested.

Non-elected claims 10-19 are canceled without prejudice.

A new Abstract and a substitute specification have been amended to improve grammar, idiom, and formatting. No new matter is believed to be added. A marked up copy of the substitute specification is included for the Examiner's convenience. Approval and entry are requested.

Claims 6 and 7 stand objected to as improper multiple dependent claims. The Examiner's attention is directed to the preliminary amendment filed on January 3, 2006 in which the multiple dependencies were removed by amendment. Withdrawal of this objection is requested.

Claims 6, 7, 9, 26, and 28 stand rejected under 35 U.S.C. §112, second paragraph. The rejection of claims 6 and 7 is believed to be improper given the preliminary amendment filed on January 3, 2006 in which the multiple dependencies were removed by amendment. Claims 9, 26, and 28 have been amended to overcome the issues raised by the Examiner. Withdrawal of this rejection is requested.

Claims 21-23 and 25 stand rejected under 35 U.S.C. §101 as reciting non-statutory subject matter. Claims 21-23 are canceled. Claim 25 is a system claim that includes several functional hardware components such as the first and second computers. The compressor and decompressor are also implemented using some sort of hardware element whether it be a

program controlled computer, an ASIC, a FPGA, discrete logic circuitry, etc. Withdrawal of this rejection is requested.

The claims stand rejected under 35 U.S.C. §102 as being anticipated by Moon et al. (US 6711740). This rejection is respectfully traversed.

To establish that a claim is anticipated, the Examiner must point out where each and every limitation in the claim is found in a single prior art reference. *Scripps Clinic & Research Found. v. Genentec, Inc.*, 927 F.2d 1565 (Fed. Cir. 1991). Every limitation contained in the claims must be present in the reference, and if even one limitation is missing from the reference, then it does not anticipate the claim. *Kloster Speedsteel AB v. Crucible, Inc.*, 793 F.2d 1565 (Fed. Cir. 1986). Moon fails to satisfy this rigorous standard.

Moon relates to a compression method in which a *synthetic* code book document type definition (DTD) is generated identifying selected compression codes based on specifying code-book extensible markup language tags having semantics defined according to a *generic* code book document type definition (DTD). The compression codes are used to compress API commands defined by second XML tags having semantics defined by a generic API DTD into synthesized data. The synthesized data and the code-book XML tags are supplied to a destination device configured for storing the generic code book DTD and the generic API DTD, thereby enabling the destination device to synthesize a code book for recovery of the API commands from the synthesized data.

To compress data in the amended set of claims, a set of codes is generated as a compression key. See the non-limiting example compression key in part (iii) of Figure 2 in the instant application. The compression key defines data parts in the form of markup names defined in the definition part with codes. The markup names having a first binary size that is

smaller than a second binary size of the code set. Each smaller code relates to and replaces a larger markup name. In the non-limiting example in Figure 2, the code “a” replaces the markup names “start”, “vehicle”, and “ok”; the code “b” replaces the markup names “start”, “vehicle”, and “doors”; the code “c” replaces the markup names “start”, “vehicle”, and “speed”; and the code “d” replaces the markup names “start”, “vehicle”, and “head”. See also pages 19 and 20 of the instant specification.

Claim 1 now recites:

A method for compressing a data set to be transmitted from a first application in a first communications network to a second application in a second communications network, said data set having a markup hierarchy and comprising data parts having a first binary size, said data set being arranged according to a definition part, the method comprising the steps of:

- generating a set of codes as a compression key defining said data parts defined in said definition part with codes having a second binary size less than said first binary size, wherein each code relates to a markup name,
- assigning at least said markup hierarchy with said set of codes,
- replacing said data parts in the form of said markup names in said data set by said assigned codes, and
- producing a compressed data set.

Similar language is found in claim 25 but in the context of an apparatus/system. Claim 20 recites:

A program storage device readable by a machine and encoding a program for compressing a data set having a markup hierarchy and comprising data parts having first binary size, said data set being arranged according to a definition part, the program comprising:

- an instruction set for assigning at least said markup hierarchy defining said data parts in the form of markup names defined in said definition part with codes having a second binary size less than said first binary size, and
- an instruction set for replacing said data parts in said data set by said assigned codes and producing a compressed data set.

Similar language is found in claim 24: “a request for receiving a set of codes used for compressing said compressed data set having a markup hierarchy and comprising data parts having a first binary size, said data set being arranged according to a definition part, at least said markup hierarchy defining said data parts in the form of markup names, defined in said definition part being assigned with codes having a second binary size less than said first binary size, and said data parts being replaced in said data set by said assigned codes.”

Moon does not describe using data parts having different binary sizes and replacing the data parts with markup names. In contrast, Moon mentions problems using binary values at col. 2, lines 1-10. Moon does not disclose using binary size and markup names in the manner claimed.

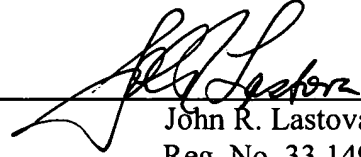
The application is in condition for allowance. An early notice to that effect is requested.

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Respectfully submitted,

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By: _____


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